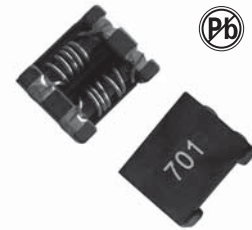


COMMON MODE CHOKES FASF7060,9070 SERIES



FEATURES:

From big to small size
SMD Design, Wire
wound constructure
common mode choke
with best EMI suppression
effect high impedance
but very high rated
current and low D.C.R.

APPLICATIONS:

Preventive measure against
common mode noise radiation
emissions from power line or
else Best for high current circuit
such as car, wireless charging
and power device design.

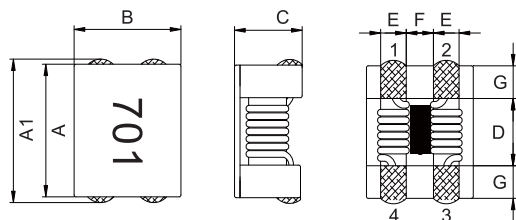
GENERAL SPECIFICATIONS:

Impedance tolerance: Min at 20°C.
Operating temperature: -40°C to +125°C
Storage Temp: -0°C to +40°C
Resistance to Soldering Heat: 260°C for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet ROHS compliance.

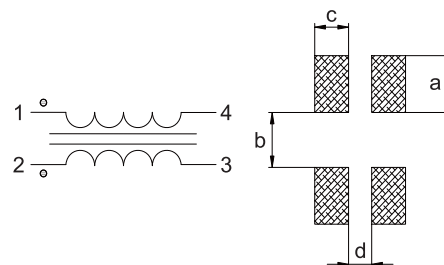
ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω) Min 100MHz	D.C.Resistor (mΩ) Max at 20°C	Rated current (A) Max	Part Number	Impedance (Ω) Min 100MHz	D.C.Resistor (mΩ) Max at 20°C	Rated current (A) Max
FASF7060-400	40	5	15	FASF9070-301	225	6	6.0
FASF7060-101	100	10	9	FASF9070-501	400	8	5.5
FASF7060-301	225	10	5	FASF9070-701	500	10	5.0
FASF7060-501	400	10	5	FASF9070-102	750	13	4.0
FASF7060-701	500	15	4	FASF9070-222	1700	60	2.5
FASF7060-102	750	17	3	FASF9070-272	2000	86	2.0
FASF7060-132	910	21	2.5	FASF9070-302	2500	90	1.9
FASF7060-272	2000	63	1.0				
FASF7060-302	2500	75	0.9				

TECHNICAL INFORMATION



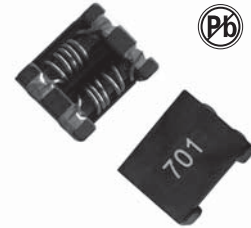
ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	A1	B	C	D	E	F	G	a	b	c	d
FASF7060	7.00±0.5	7.50±0.6	6.0±0.5	4.0 Max	3.5 REF	1.5 REF	1.5 REF	1.7 REF	3.0 REF	2.9 REF	1.9 REF	1.3 REF
FASF9070	9.00±0.5	9.50±0.6	7.0±0.5	5.0 Max	5.7 REF	1.5 REF	2.0 REF	1.7 REF	3.0 REF	5.0 REF	2.0 REF	1.8 REF

COMMON MODE CHOKES FASF1211,1513 SERIES



FEATURES:

From big to small size SMD Design, Wire wound constructure common mode choke with best EMI suppression effect high impedance but very high rated current and low D.C.R.

APPLICATIONS:

Preventive measure against common mode noise radiation emissions from power line or else Best for high current circuit such as car, wireless charging and power device design.

GENERAL SPECIFICATIONS:

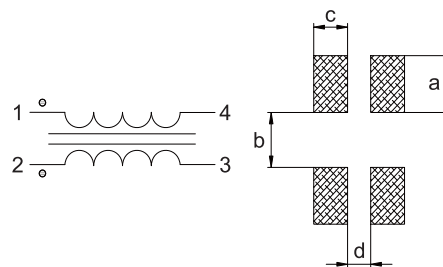
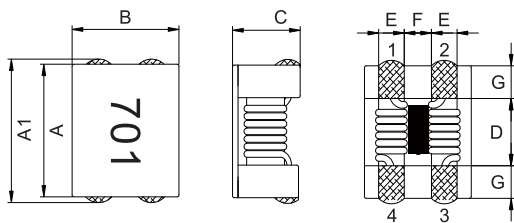
Impedance tolerance: Min at 20°C.
 Operating temperature: -40°C to +125°C
 Storage Temp: -0°C to +40°C
 Resistance to Soldering Heat: 260°C for 10 sec.
 Temperature Rise: 40°C Typ. at Rated Current.
 All parts meet ROHS compliance.

ELECTRICAL CHARACTERISTICS

Part Number	Impedance (Ω)Min 100MHz	D.C.Resistor (mΩ) Max at 20°C	Rated current (A)Max	Part Number	Impedance (Ω)Min 100MHz	D.C.Resistor (mΩ) Max at 20°C	Rated current (A)Max
FASF1211-800	80	4.0	10	FASF1513-301	100	5.0	13
FASF1211-701	500	6.0	8.0	FASF1513-551	450	5.5	10
FASF1211-102	750	14.0	6.0	FASF1513-701	500	7.0	10
FASF1211-222	1700	35.0	1.8				
FASF1211-272	2000	50.0	1.5				

TECHNICAL INFORMATION

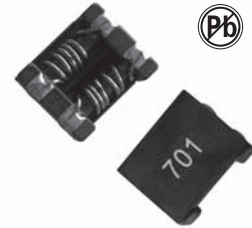
ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	A1	B	C	D	E	F	G	a	b	c	d
FASF1211	12.0±0.5	12.5±0.6	10.8±0.5	6.6 Max	7.0 REF	2.7 REF	2.5 REF	2.5 REF	3.9 REF	6.1 REF	3.1 REF	2.3 REF
FASF1513	15.0±0.5	15.5±0.6	13.0±0.5	6.3 Max	9.0 REF	2.7 REF	3.8 REF	3.0 REF	4.2 REF	8.2 REF	3.1 REF	3.2 REF

COMMON MODE CHOKES FASF4520 SERIES



FEATURES:

Small size SMD design, Wire wound construction, common mode choke with best EMI suppression effect, high impedance but very high rated current and low DCR.

APPLICATIONS:

Preventive measure against common mode noise radiation emissions from power line or else Best for high current circuit such as car, wireless charging and power device design.

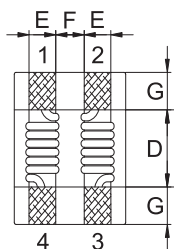
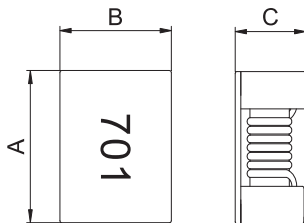
GENERAL SPECIFICATIONS:

Impedance tolerance: Min at 20°C.
Operating temperature: -40°C to +125°C.
Storage Temp: -0°C to +40°C.
Resistance to Soldering Heat: 260°C for 10 sec.
Temperature Rise: 40°C Typ. at Rated Current.
All parts meet ROHS compliance.

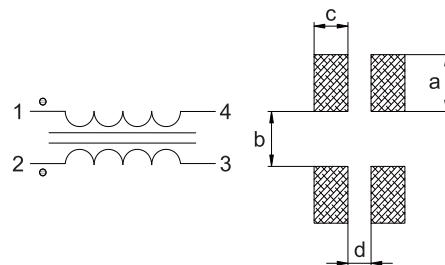
ELECTRICAL CHARACTERISTICS

Part Number	Impedance [Ω] Min 100MHz	D.C. Resistor [$m\Omega$] Max at 20°C	Rated current [mA]	Rated Voltage [V] Max	Insulation Resistance [$M\Omega$] Min
FASF4520-900	30	35	3.2	50	10
FASF4520-151	80	38	3.1	50	10
FASF4520-231	180	39	3.0	50	10
FASF4520-301	180	39	3.0	50	10
FASF4520-401	200	50	2.5	50	10
FASF4520-501	300	55	2.4	50	10
FASF4520-701	500	59	2.2	50	10
FASF4520-901	700	68	2.1	50	10
FASF4520-102	800	68	2.1	50	10
FASF4520-122	1000	74	2.0	50	10
FASF4520-142	1200	81	1.9	50	10

TECHNICAL INFORMATION



ELECTRICAL SCHEMATIC & PAD LAYOUT



DIMENSIONS:MM

Part number	A	B	C	D	E	F	G	a	b	c	d
FASF4520	4.70 ± 0.5	4.50 ± 0.5	2.0 Max	2.7 REF	0.75 REF	1.25 REF	1.00 REF	1.75 REF	2.00 REF	1.75 REF	0.90 REF